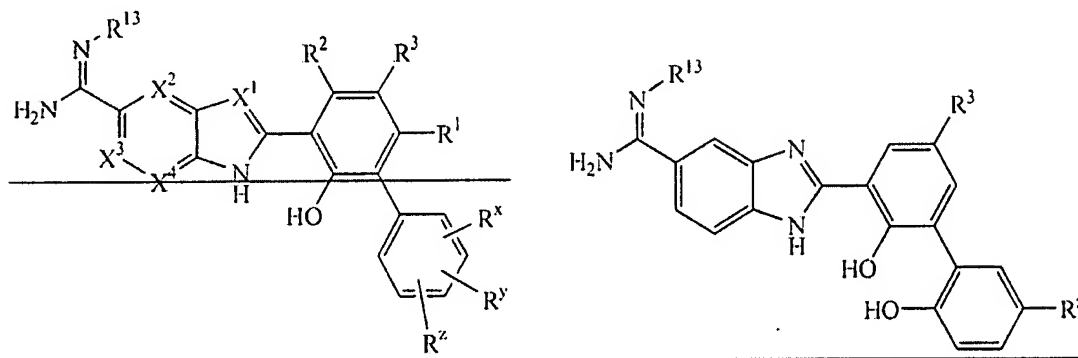


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the above-referenced patent application. Support for the amendments follows the listing of the claims.

**Listing of the Claims:**

1. (Currently Amended) A compound of Formula I:



I

wherein:

$X^1, X^2, X^3$ , and  $X^4$  are independently  $N$  or  $CR^5$  wherein  $R^5$  is hydrogen, alkyl, or halo with the proviso that not more than three of  $X^1, X^2, X^3$  and  $X^4$  are  $N$ ;

$R^1$  is hydrogen, alkyl, halo, carboxy or aminocarbonyl;

$R^2$  is hydrogen, alkyl, or halo;

$R^3$  is hydrogen, halo, alkyl, alkoxy, haloalkyl, haloalkoxy, haloalkylthio, haloalkylsulfonyl, cyanoalkyl, tetrazol-5-yl, tetrazol-5-ylalkyl, hydroxyalkylcarbonyl, aminosulfonyl, alkylaminosulfonyl, dialkylaminosulfonyl, oxalyl,  $NHSO_2R$  (where  $R$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloalkylalkyl, heterocycloalkyl or heterocycloalkylalkyl),  $SO_2NHCO R^6$  (where  $R^6$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl),  $SO_3H$ , (alkylene)- $SO_3H$ ,  $CONR^7R^8$ ,  $CHCF_3NR^7R^8$  or  $COCONR^7R^8$  (where  $R^7$  is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, carboxyalkyl, sulfoalkyl or phosphonoalkyl and  $R^8$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl, phosphonoalkyl, aminocarboxyalkyl, aminocarbonylcarboxyalkyl, trimethylammonioalkyl, aminocarbonylalkyl, -(alkylene)-(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>  $R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aryl, aralkyl, heteroaryl,

heteroaralkyl, heterocycloalkylalkyl, heterocycloalkylaminocarbonylalkyl or 3-heterocycloalkyl-2-hydroxypropyl or  $R^7$  and  $R^8$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-(alkylene)-CONR^9R^{10}$  or  $-(alkylene)-CHCF_3NR^9R^{10}$  (where  $R^9$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl or phosphonoalkyl and  $R^{10}$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl, phosphonoalkyl, aminocarboxyalkyl, aminocarbonylcarboxyalkyl, trimethylammonioalkyl, aminocarbonylalkyl,  $-(alkylene)-(OCH_2CH_2)_nR^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkylalkyl, heterocycloalkylaminocarbonylalkyl or 3-heterocycloalkyl-2-hydroxypropyl or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-CONHSO_2R^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl),  $-(alkylene)-CONHSO_2R^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl), aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, hydroxyalkyloxy,  $-(OCH_2CH_2)_nR^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino),  $NHCO(alkylene)R^a$  (where  $R^a$  is hydroxy, alkoxy, or  $NR^7R^8$  where  $R^7$  and  $R^8$  are as defined above),  $-OPO_3H_2$ , or  $-(alkylene)-OPO_3H_2$ ;

$R^x$  is hydrogen, alkyl, alkylthio, halo, hydroxy, hydroxyalkyl, alkoxy, aminosulfonyl, alkylaminosulfonyl, dialkylaminosulfonyl, or nitro;

$R^y$  is hydrogen, alkyl, or halo;

$R^z$  is hydrogen, alkyl, haloalkyl, cycloalkyl, alkylthio, halo, hydroxy, hydroxyalkyl, nitro, cyano, alkoxy, alkoxyalkyl, alkoxyalkyloxy, hydroxyalkyloxy, aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, haloalkoxy, carboxy, carboxyalkyl, alkoxycarbonyl, alkoxycarbonylalkyl, cyanoalkyl, alkylsulfonyl, alkylsulfonylalkyl, arylsulfonyl, heteroarylsulfonyl, carbamimidoyl, hydroxycarbamimidoyl, alkoxycarbamimidoyl, alkylsulfonylamino, alkylsulfonylaminoalkyl, alkoxysulfonylamino, alkoxysulfonylaminoalkyl, heterocycloalkylalkylaminocarbonyl, hydroxyalkoxyalkylaminocarbonyl, heterocycloalkylcarbonyl, heterocycloalkylcarbonylalkyl, heterocycloalkyl, heterocycloalkylalkyl, oxoheterocycloalkyl, oxoheterocycloalkylalkyl, heteroaryl, heteroaralkyl, ureido, alkylureido, dialkylureido, ureidoalkyl, alkylureidoalkyl, dialkylureidoalkyl, thioureido, thioureidoalkyl,  $-COR^{12}$  (where  $R^{12}$  is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl),  $-(alkylene)-COR^{12}$  (where  $R^{12}$  is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl),  $-CONR^{14}R^{15}$  (where  $R^{14}$  is hydrogen or alkyl and  $R^{15}$  is hydrogen, alkyl, hydroxyalkyl,

alkoxyalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or  $R^{14}$  and  $R^{15}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-(alkylene)-CONR^{16}R^{17}$  (where  $R^{16}$  is hydrogen, alkyl or hydroxyalkyl and  $R^{17}$  is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or  $R^{14}$  and  $R^{15}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-NR^{18}R^{19}$  (where  $R^{18}$  is hydrogen or alkyl and  $R^{19}$  is hydrogen, alkyl, acyl, aryl, aralkyl, heteroaryl, or heteroaralkyl),  $-(alkylene)-NR^{20}R^{21}$  (where  $R^{20}$  is hydrogen, alkyl, or hydroxyalkyl and  $R^{21}$  is hydrogen, alkyl, acyl, alkoxycarbonyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl),  $-SO_2NR^{22}R^{23}$  (where  $R^{22}$  is hydrogen or alkyl and  $R^{23}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or  $R^{22}$  and  $R^{23}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-(alkylene)-SO_2NR^{24}R^{25}$  (where  $R^{24}$  is hydrogen or alkyl and  $R^{25}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or  $R^{24}$  and  $R^{25}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-NR^{26}SO_2NR^{27}R^{28}$  (where  $R^{26}$  and  $R^{27}$  are independently hydrogen or alkyl, and  $R^{28}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or  $R^{27}$  and  $R^{28}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-(alkylene)-NR^{29}SO_2NR^{30}R^{31}$  (where  $R^{29}$  and  $R^{30}$  are independently hydrogen or alkyl, and  $R^{31}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or  $R^{30}$  and  $R^{31}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-CONH-(alkylene)-NR^{32}R^{33}$  where  $R^{32}$  is hydrogen or alkyl and  $R^{33}$  is alkyl), or aralkyl; and

$R^{13}$  is hydrogen, hydroxy,  $(C_{1-10})$ alkoxy,  $-C(O)R^{35}$  where  $R^{35}$  is alkyl, aryl, haloalkyl, or cyanoalkyl, or  $-C(O)OR^{36}$  where  $R^{36}$  is alkyl, hydroxyalkyl, alkoxyalkyl, alkoxycarbonylalkyl, acyl, aryl, or haloalkyl; and

individual isomers, mixture of isomers, or a pharmaceutically acceptable salt thereof, provided that when  $R^3$  is hydrogen, halo, alkyl, alkoxy, haloalkyl, haloalkoxy,  $NHSO_2R$ , tetrazol-5-yl, tetrazol-5-ylalkyl,  $CONR^7R^8$  (where  $R^7$  is hydrogen or alkyl, and  $R^8$  is hydrogen or alkyl), or  $-(alkylene)-CONR^9R^{10}$  (where  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form pyrrolidinyl), aminoalkyloxy, carboxyalkyloxy, or aminocarbonylalkyloxy; and  $R^*$  is hydrogen, alkyl, haloalkyl, halo, nitro, alkoxy, haloalkyl, carboxy, alkoxycarbonyl,  $NR^{18}R^{19}$  (where  $R^{18}$  is hydrogen or alkyl and  $R^{19}$  is hydrogen, alkyl, aryl or aralkyl), pyrrolidinylcarbonyl,  $SO_2NR^{22}R^{23}$  (where  $R^{22}$  and  $R^{23}$  are alkyl), carbamimidoyl, alkylsulfonylamino, alkylthio, ureido,  $NHC(S)NH_2$  or heterocycloamino, then  $R^*$  is hydroxy or hydroxyalkyl.

2. (Currently Amended) A The compound of Claim 1 wherein:

$R^3$  is ~~hydrogen, halo, alkyl, alkoxy, haloalkyl, haloalkoxy, cyanoalkyl, tetrazol-5-yl, tetrazol-5-ylalkyl, hydroxyalkyl, carbonyl, aminosulfonyl, alkylaminosulfonyl, dialkylaminosulfonyl,  $\text{NH}\text{SO}_2\text{R}$  (where R is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloalkylalkyl, heterocycloalkyl or heterocycloalkylalkyl),  $\text{SO}_2\text{NH}\text{COR}^6$  (where  $R^6$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl),  $-\text{CONR}^7\text{R}^8$  or  $-\text{COCONR}^7\text{R}^8$  (where  $R^7$  is hydrogen, alkyl, alkoxyalkyl, carboxyalkyl, hydroxyalkyl or phosphonoalkyl and  $R^8$  is hydrogen, alkyl, alkoxyalkyl,  $-(\text{alkylene})-(\text{OCH}_2\text{CH}_2)_n$   $R^b$  (where n is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aminoalkyl, aminocarbonylalkyl, aminocarbonylcarboxyalkyl, aminocarboxyalkyl, carboxyalkyl, hydroxyalkyl, phosphonoalkyl, sulfoalkyl, trimethylammonioalkyl, aryl, aralkyl, heteroaryl, heteroaralkyl or heterocycloalkylalkyl or  $R^7$  and  $R^8$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-(\text{alkylene})-\text{CONR}^9\text{R}^{10}$  (where  $R^9$  is hydrogen, alkyl, alkoxyalkyl, carboxyalkyl, hydroxyalkyl or phosphonoalkyl and  $R^{10}$  is hydrogen, alkyl, alkoxyalkyl,  $-(\text{alkylene})-(\text{OCH}_2\text{CH}_2)_n$   $R^b$  (where n is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aminoalkyl, aminocarbonylalkyl, aminocarbonylcarboxyalkyl, aminocarboxyalkyl, carboxyalkyl, hydroxyalkyl, phosphonoalkyl, sulfoalkyl, trimethylammonioalkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, or heterocycloalkylalkyl or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-\text{CONHSO}_2\text{R}^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl), or  $-(\text{alkylene})-\text{CONHSO}_2\text{R}^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl), wherein any rings comprising  $R^3$  are optionally substituted with one to six groups independently selected from hydroxy, hydroxyalkyl, alkoxyalkyl, carboxy, alkoxycarbonyl, aminoalkyl, guanidinoalkyl, alkyl or  $-\text{CONR}^a\text{R}^b$  where  $R^a$  and  $R^b$  are independently hydrogen or alkyl; and~~

$R^z$  is hydrogen, alkyl, haloalkyl, cycloalkyl, alkylthio, halo, hydroxy, hydroxyalkyl, nitro, cyano, alkoxy, alkoxyalkyl, alkoxyalkyloxy, hydroxyalkyloxy, aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, haloalkoxy, carboxy, carboxyalkyl, alkoxycarbonyl, alkoxycarbonylalkyl, cyanoalkyl, alkylsulfonyl, alkylsulfonylalkyl, arylsulfonyl, heteroarylsulfonyl, carbamimidoyl, hydroxycarbamimidoyl, alkoxycarbamimidoyl, alkylsulfonylamino, alkylsulfonylaminoalkyl, alkoxysulfonylamino, alkoxysulfonylaminoalkyl, heterocycloalkylalkylaminocarbonyl, hydroxyalkoxyalkylaminocarbonyl, heterocycloalkylcarbonyl, heterocycloalkylcarbonylalkyl,

heterocycloalkyl, heterocycloalkylalkyl, oxoheterocycloalkyl, oxoheterocycloalkylalkyl, heteroaryl, heteroaralkyl, ureido, alkylureido, dialkylureido, ureidoalkyl, alkylureidoalkyl, dialkylureidoalkyl, thioureido, thioureidoalkyl, -COR<sup>12</sup> (where R<sup>12</sup> is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl), -(alkylene)-COR<sup>12</sup> (where R<sup>12</sup> is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl), -CONR<sup>14</sup>R<sup>15</sup> (where R<sup>14</sup> is hydrogen or alkyl and R<sup>15</sup> is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or R<sup>14</sup> and R<sup>15</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -(alkylene)-CONR<sup>16</sup>R<sup>17</sup> (where R<sup>16</sup> is hydrogen, alkyl or hydroxyalkyl and R<sup>17</sup> is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or R<sup>14</sup> and R<sup>15</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -NR<sup>18</sup>R<sup>19</sup> (where R<sup>18</sup> is hydrogen or alkyl and R<sup>19</sup> is hydrogen, alkyl, acyl, aryl, aralkyl, heteroaryl, or heteroaralkyl), -(alkylene)-NR<sup>20</sup>R<sup>21</sup> (where R<sup>20</sup> is hydrogen, alkyl, or hydroxyalkyl and R<sup>21</sup> is hydrogen, alkyl, acyl, alkoxyalkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl), -SO<sub>2</sub>NR<sup>22</sup>R<sup>23</sup> (where R<sup>22</sup> is hydrogen or alkyl and R<sup>23</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or R<sup>22</sup> and R<sup>23</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -(alkylene)-SO<sub>2</sub>NR<sup>24</sup>R<sup>25</sup> (where R<sup>24</sup> is hydrogen or alkyl and R<sup>25</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or R<sup>24</sup> and R<sup>25</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -NR<sup>26</sup>SO<sub>2</sub>NR<sup>27</sup>R<sup>28</sup> (where R<sup>26</sup> and R<sup>27</sup> are independently hydrogen or alkyl, and R<sup>28</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or R<sup>27</sup> and R<sup>28</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -(alkylene)-NR<sup>29</sup>SO<sub>2</sub>NR<sup>30</sup>R<sup>31</sup> (where R<sup>29</sup> and R<sup>30</sup> are independently hydrogen or alkyl, and R<sup>31</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl or heteroaralkyl or R<sup>30</sup> and R<sup>31</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -CONH-(alkylene)-NR<sup>32</sup>R<sup>33</sup> where R<sup>32</sup> is hydrogen or alkyl and R<sup>33</sup> is alkyl, or aralkyl; and

R<sup>13</sup> is hydrogen, hydroxy, (C<sub>1-10</sub>)alkoxy, -C(O)R<sup>35</sup> where R<sup>35</sup> is alkyl, aryl, haloalkyl, or cyanoalkyl, or -C(O)OR<sup>36</sup> where R<sup>36</sup> is alkyl, hydroxyalkyl, acyl, or haloalkyl; or a pharmaceutically acceptable salt thereof.

3. (Currently Amended) [[A]] The compound of Claim 2 in which wherein: R<sup>3</sup> is -CONR<sup>7</sup>R<sup>8</sup>, -CH<sub>2</sub>CONR<sup>9</sup>R<sup>10</sup> or -C(CH<sub>3</sub>)<sub>2</sub>CONR<sup>9</sup>R<sup>10</sup>; wherein:

R<sup>7</sup> and R<sup>8</sup> or R<sup>9</sup> and R<sup>10</sup> both are hydrogen, carboxymethyl, 2-hydroxyethyl or 2-phosphonoethyl; or

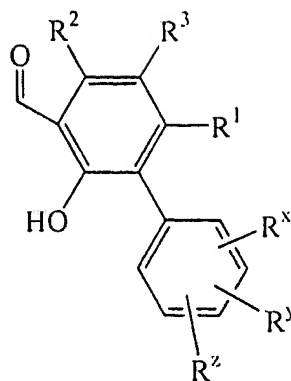
$R^7$  or  $R^9$  is hydrogen or methyl and  $R^8$  or  $R^{10}$ , respectively, is aminocarbonylmethyl, 1,2-aminocarbonylethyl, 2-aminocarbonyl-1-carboxyethyl, 5-amino-5-carboxypentyl, 2-carboxyethyl, carboxymethyl, 2-carboxy-3-[2-(2-ethoxy-ethoxy)-ethoxy]-propyl, dimethylaminomethyl, 3-dimethylaminopropyl, 2-hydroxy-1,1-bis-hydroxymethyl-ethyl, 2-hydroxy-1-hydroxymethylethyl, 1,2-dicarboxyethyl, methyl, 2-[2-(2-methylaminoethoxy)ethoxy]ethyl, 2-(4-methylpiperazin-1-yl)ethyl, 2-morpholin-4-ylethyl, 2,3,4,5,6-pentahydroxy-hexyl, 2-piperazin-1-ylethyl, 2-sulfoethyl, 3,4,5,6-tetrahydroxy-tetrahydro-pyran-2-ylmethyl, 2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-yl, 2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-ylcarbamoyl-methyl, trimethylammonioethyl or 2-phosphonoethyl or  $R^7$  and  $R^8$  or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form 2-aminocarbonylpyrrolidin-1-yl, 2-carboxy-4-hydroxypyrrolidin-1-yl or 4-methylpiperazin-1-yl;

~~$R^8$  is hydroxy at the 2' position;~~ and

$R^Z$  is aminosulfonyl or ureidomethyl at the ~~5-position~~ 5' position; or

a pharmaceutically acceptable salt thereof.

4. (Original) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 1.
5. (Withdrawn) A method of treating a disease in an animal mediated by Factor VIIa which method comprises administering to said animal a pharmaceutical composition comprising a therapeutically effective amount of a compound of Claim 1 and a pharmaceutically acceptable carrier.
6. (Withdrawn) The method of Claim 3 wherein the disorder is a thromboembolic disorder.
7. (Withdrawn) A method of treating a a thromboembolic disorder, which method comprises administering to said animal a pharmaceutical composition comprising a pharmaceutically acceptable carrier and a therapeutically effective amount of a compound of Claim 1 in combination with another anticoagulant agent(s) independently selected from a group consisting of a thrombin inhibitor, a factor IXa, a factor Xa inhibitor, Aspirin®, and Plavis®.
8. (Withdrawn) A method for inhibiting the coagulation of a biological sample comprising the administration of a compound of Claim 1.
9. (Withdrawn) An intermediate of Formula II:



II

wherein:

$R^1$  is hydrogen, alkyl, halo, carboxy or aminocarbonyl;

$R^2$  is hydrogen, alkyl, or halo;

$R^3$  is hydrogen, halo, alkyl, alkoxy, haloalkyl, haloalkoxy, haloalkylthio, haloalkylsulfonyl, cyanoalkyl, tetrazol-5-yl, tetrazol-5-ylalkyl, hydroxyalkylcarbonyl, aminosulfonyl, alkylaminosulfonyl, dialkylaminosulfonyl, oxalyl,  $-NHSO_2R$  (where  $R$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloalkylalkyl, heterocycloalkyl or heterocycloalkylalkyl),  $-SO_2NHCOR^6$  (where  $R^6$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl),  $-SO_3H$ ,  $-(alkylene)-SO_3H$ ,  $-CONR^7R^8$ ,  $-CHCF_3NR^7R^8$  or  $-COCONR^7R^8$  (where  $R^7$  is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, carboxyalkyl, sulfoalkyl or phosphonoalkyl and  $R^8$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl, phosphonoalkyl, aminocarboxyalkyl, aminocarbonylcarboxyalkyl, trimethylammonioalkyl, aminocarbonylalkyl,  $-(alkylene)-(OCH_2CH_2)_n R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkylalkyl, heterocycloalkylaminocarbonylalkyl or 3-heterocycloalkyl-2-hydroxypropyl or  $R^7$  and  $R^8$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-(alkylene)-CONR^9R^{10}$  or  $-(alkylene)-CHCF_3NR^9R^{10}$  (where  $R^9$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl or phosphonoalkyl and  $R^{10}$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl, phosphonoalkyl, aminocarboxyalkyl, aminocarbonylcarboxyalkyl, trimethylammonioalkyl, aminocarbonylalkyl,  $-(alkylene)-(OCH_2CH_2)_n R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkylalkyl, heterocycloalkylaminocarbonylalkyl or 3-

heterocycloalkyl-2-hydroxypropyl or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-\text{CONHSO}_2R^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocyclalkyl, or heterocycloalkylalkyl),  $-(\text{alkylene})-\text{CONHSO}_2R^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl), aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, hydroxyalkyloxy,  $-(\text{OCH}_2\text{CH}_2)_n-R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino),  $-\text{NHCO}-(\text{alkylene})-R^a$  (where  $R^a$  is hydroxy, alkoxy, or  $-\text{NR}^7R^8$  where  $R^7$  and  $R^8$  are as defined above),  $-\text{OPO}_3\text{H}_2$ , or  $-(\text{alkylene})-\text{OPO}_3\text{H}_2$ ;

$R^x$  is hydrogen, alkyl, alkylthio, halo, hydroxy, hydroxyalkyl, alkoxy, aminosulfonyl, alkylaminosulfonyl, dialkylaminosulfonyl, or nitro;

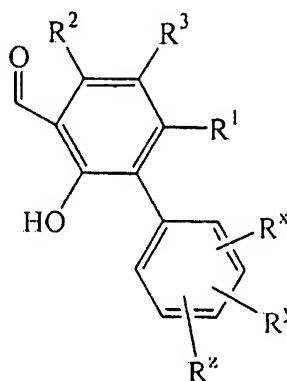
$R^y$  is hydrogen, alkyl, or halo; and

$R^z$  is hydrogen, alkyl, haloalkyl, cycloalkyl, alkylthio, halo, hydroxy, hydroxyalkyl, nitro, cyano, alkoxy, alkoxyalkyl, alkoxyalkyloxy, hydroxyalkyloxy, aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, haloalkoxy, carboxy, carboxyalkyl, alkoxycarbonyl, alkoxycarbonylalkyl, cyanoalkyl, alkylsulfonyl, alkylsulfonylalkyl, arylsulfonyl, heteroarylsulfonyl, carbamimidoyl, hydroxycarbamimidoyl, alkoxycarbamimidoyl, alkylsulfonylamino, alkylsulfonylaminoalkyl, alkoxysulfonylamino, alkoxysulfonylaminoalkyl, heterocycloalkylalkylaminocarbonyl, hydroxyalkoxyalkylaminocarbonyl, heterocycloalkylcarbonyl, heterocycloalkylcarbonylalkyl, heterocycloalkyl, heterocycloalkylalkyl, oxoheterocycloalkyl, oxoheterocycloalkylalkyl, heteroaryl, heteroaralkyl, ureido, alkylureido, dialkylureido, ureidoalkyl, alkylureidoalkyl, dialkylureidoalkyl, thioureido, thioureidoalkyl,  $-\text{COR}^{12}$  (where  $R^{12}$  is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl),  $-(\text{alkylene})-\text{COR}^{12}$  (where  $R^{12}$  is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl),  $-\text{CONR}^{14}R^{15}$  (where  $R^{14}$  is hydrogen or alkyl and  $R^{15}$  is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl),  $-(\text{alkylene})-\text{CONR}^{16}R^{17}$  (where  $R^{16}$  is hydrogen, alkyl or hydroxyalkyl and  $R^{17}$  is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl),  $-\text{NR}^{18}R^{19}$  (where  $R^{18}$  is hydrogen or alkyl and  $R^{19}$  is hydrogen, alkyl, acyl, aryl, aralkyl, heteroaryl, or heteroaralkyl),  $-(\text{alkylene})-\text{NR}^{20}R^{21}$  (where  $R^{20}$  is hydrogen, alkyl, or hydroxyalkyl and  $R^{21}$  is hydrogen, alkyl, acyl, alkoxycarbonyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl),  $-\text{SO}_2\text{NR}^{22}R^{23}$  (where  $R^{22}$  is hydrogen or alkyl and  $R^{23}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl, or  $R^{22}$  and  $R^{23}$  together with the nitrogen atom to which they are attached form heterocycloamino),  $-(\text{alkylene})-\text{SO}_2\text{NR}^{24}R^{25}$  (where  $R^{24}$  is hydrogen or alkyl and  $R^{25}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl or  $R^{24}$  and



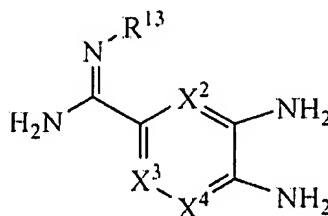
$R^{25}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-NR^{26}SO_2NR^{27}R^{28}$  (where  $R^{26}$  and  $R^{27}$  are independently hydrogen or alkyl, and  $R^{28}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl or  $R^{27}$  and  $R^{28}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-(alkylene)-NR^{29}SO_2NR^{30}R^{31}$  (where  $R^{29}$  and  $R^{30}$  are independently hydrogen or alkyl, and  $R^{31}$  is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl or  $R^{30}$  and  $R^{31}$  together with the nitrogen atom to which they are attached from heterocycloamino),  $-CONH-(alkylene)-NR^{32}R^{33}$  where  $R^{32}$  is hydrogen or alkyl and  $R^{33}$  is alkyl), or aralkyl.

10. (Withdrawn) A process of preparing a compound of Claim 1 where  $X^1$  is -N- comprising reacting a compound of Formula II:



II

with a compound of Formula III:



III

wherein:

$R^3$  is hydrogen, halo, alkyl, alkoxy, haloalkyl, haloalkoxy, haloalkylthio, haloalkylsulfonyl, cyanoalkyl, tetrazol-5-yl, tetrazol-5-ylalkyl, hydroxyalkylcarbonyl, aminosulfonyl, alkylaminosulfonyl, dialkylaminosulfonyl, oxalyl,  $-NHSO_2R$  (where  $R$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, cycloalkyl, cycloalkylalkyl, heterocycloalkyl or heterocycloalkylalkyl),  $-SO_2NHCOR^6$  (where  $R^6$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl),  $-SO_3H$ ,  $-(alkylene)-SO_3H$ ,  $-CONR^7R^8$ ,  $-CHCF_3NR^7R^8$  or  $-COCONR^7R^8$

(where  $R^7$  is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, carboxyalkyl, sulfoalkyl or phosphonoalkyl and  $R^8$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl, phosphonoalkyl, aminocarboxyalkyl, aminocarbonylcarboxyalkyl, trimethylammonioalkyl, aminocarbonylalkyl,  $-(alkylene)-(OCH_2CH_2)_n R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkylalkyl, heterocycloalkylaminocarbonylalkyl or 3-heterocycloalkyl-2-hydroxypropyl or  $R^7$  and  $R^8$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-(alkylene)-CONR^9R^{10}$  or  $-(alkylene)-CHCF_3NR^9R^{10}$  (where  $R^9$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl or phosphonoalkyl and  $R^{10}$  is hydrogen, hydroxy, alkyl, hydroxyalkyl, alkoxyalkyl, aminoalkyl, carboxyalkyl, sulfoalkyl, phosphonoalkyl, aminocarboxyalkyl, aminocarbonylcarboxyalkyl, trimethylammonioalkyl, aminocarbonylalkyl,  $-(alkylene)-(OCH_2CH_2)_n R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino), aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkylalkyl, heterocycloalkylaminocarbonylalkyl or 3-heterocycloalkyl-2-hydroxypropyl or  $R^9$  and  $R^{10}$  together with the nitrogen atom to which they are attached form heterocycloalkylamino),  $-CONHSO_2R^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl),  $-(alkylene)-CONHSO_2R^{11}$  (where  $R^{11}$  is alkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heterocycloalkyl, or heterocycloalkylalkyl), aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, hydroxyalkyloxy,  $-(OCH_2CH_2)_n R^b$  (where  $n$  is an integer from 1 to 6 and  $R^b$  is hydrogen, alkyl, hydroxy, alkoxy, amino or alkylcarbonylamino),  $-NHCO-(alkylene)-R^a$  (where  $R^a$  is hydroxy, alkoxy, or  $-NR^7R^8$  where  $R^7$  and  $R^8$  are as defined above),  $-OPO_3H_2$ , or  $-(alkylene)-OPO_3H_2$ ; and  $R^z$  is hydrogen, alkyl, haloalkyl, cycloalkyl, alkylthio, halo, hydroxy, hydroxyalkyl, nitro, cyano, alkoxy, alkoxyalkyl, alkoxyalkyloxy, hydroxyalkoxyloxy, aminoalkyloxy, carboxyalkyloxy, aminocarbonylalkyloxy, haloalkoxy, carboxy, carboxyalkyl, alkoxycarbonyl, alkoxycarbonylalkyl, cyanoalkyl, alkylsulfonyl, alkylsulfonylalkyl, arylsulfonyl, heteroarylsulfonyl, carbamimidoyl, hydroxycarbamimidoyl, alkoxycarbamimidoyl, alkylsulfonylamino, aminosulfonyl, alkylsulfonylaminoalkyl, alkoxysulfonylamino, alkoxysulfonylaminoalkyl, heterocycloalkylalkylaminocarbonyl, hydroxyalkoxyalkylaminocarbonyl, heterocycloalkylcarbonyl, heterocycloalkylcarbonylalkyl, heterocycloalkyl, heterocycloalkylalkyl, oxoheterocycloalkyl, oxoheterocycloalkylalkyl, heteroaryl, heteroaralkyl, ureido, alkylureido, dialkylureido, ureidoalkyl, alkylureidoalkyl, dialkylureidoalkyl, thioureido, thioureidoalkyl,  $-COR^{12}$  (where  $R^{12}$  is alkyl,

haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl), -(alkylene)-COR<sup>12</sup> (where R<sup>12</sup> is alkyl, haloalkyl, hydroxyalkyl, alkoxyalkyl, or aminoalkyl), -CONR<sup>14</sup>R<sup>15</sup> (where R<sup>14</sup> is hydrogen or alkyl and R<sup>15</sup> is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl), -(alkylene)-CONR<sup>16</sup>R<sup>17</sup> (where R<sup>16</sup> is hydrogen, alkyl or hydroxyalkyl and R<sup>17</sup> is hydrogen, alkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl), -NR<sup>18</sup>R<sup>19</sup> (where R<sup>18</sup> is hydrogen or alkyl and R<sup>19</sup> is hydrogen, alkyl, acyl, aryl, aralkyl, heteroaryl, or heteroaralkyl), -(alkylene)-NR<sup>20</sup>R<sup>21</sup> (where R<sup>20</sup> is hydrogen, alkyl, or hydroxyalkyl and R<sup>21</sup> is hydrogen, alkyl, acyl, alkoxyalkyl, hydroxyalkyl, alkoxyalkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl), -SO<sub>2</sub>NR<sup>22</sup>R<sup>23</sup> (where R<sup>22</sup> is hydrogen or alkyl and R<sup>23</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl, or R<sup>22</sup> and R<sup>23</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -(alkylene)-SO<sub>2</sub>NR<sup>24</sup>R<sup>25</sup> (where R<sup>24</sup> is hydrogen or alkyl and R<sup>25</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl or R<sup>24</sup> and R<sup>25</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -NR<sup>26</sup>SO<sub>2</sub>NR<sup>27</sup>R<sup>28</sup> (where R<sup>26</sup> and R<sup>27</sup> are independently hydrogen or alkyl, and R<sup>28</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl or R<sup>27</sup> and R<sup>28</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -(alkylene)-NR<sup>29</sup>SO<sub>2</sub>NR<sup>30</sup>R<sup>31</sup> (where R<sup>29</sup> and R<sup>30</sup> are independently hydrogen or alkyl, and R<sup>31</sup> is hydrogen, alkyl, aryl, aralkyl, heteroaryl, or heteroaralkyl or R<sup>30</sup> and R<sup>31</sup> together with the nitrogen atom to which they are attached from heterocycloamino), -CONH-(alkylene)-NR<sup>32</sup>R<sup>33</sup> where R<sup>32</sup> is hydrogen or alkyl and R<sup>33</sup> is alkyl), or aralkyl; and R<sup>13</sup> is hydrogen;

- (i) optionally modifying any of the R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>x</sup>, R<sup>y</sup>, R<sup>z</sup>, and R<sup>13</sup> groups;
- (ii) optionally isolating individual isomers;
- (iii) optionally preparing an acid addition salt; and
- (iv) optionally preparing a free base;
- (v) optionally preparing an acid addition salt; and
- (vi) optionally preparing a free base.

11. (NEW) The compound of claim 1 selected from:

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-succinamic (Compound 121);

({2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetyl}-carboxymethyl-amino)-acetic acid (Compound 122);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-succinic acid (Compound 123);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetyl}-pyrrolidine-2-carboxamide (Compound 124);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetyl}-4-hydroxy-pyrrolidine-2-carboxylic acid (Compound 125);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetamide (Compound 126);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N,N*-dimethyl-acetamide (Compound 127);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-hydroxy-1-hydroxymethyl-ethyl)-acetamide (Compound 128);

{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-acetic acid (Compound 129);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-carbamoylmethyl-acetamide (Compound 130);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-dimethylamino-ethyl)-acetamide (Compound 131);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(3-dimethylamino-propyl)-acetamide (Compound 132);

3-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-propionic acid (Compound 133);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-methyl-*N*-(2-[2-(2-methylamino-ethoxy)-ethoxy]-ethyl)-acetamide (Compound 134);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(5,4,5,6-tetrahydroxy-tetrahydro-pyran-2-ylmethyl)-acetamide (Compound 135);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-yl)-acetamide (Compound 136);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-methyl-*N*-(2,3,4,5,6-pentahydroxy-hexyl)-acetamide (Compound 137);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-hydroxy-1,1-bis-hydroxymethyl-ethyl)-acetamide (Compound 138);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-methyl-acetamide (Compound 139);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-succinamide (Compound 140);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-[(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-ylcarbamoyl)-methyl]-acetamide (Compound 141);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-{3-[2-(2-ethoxy-ethoxy)-ethoxy]-propyl}-acetamide (Compound 142);

(2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-ethyl)-phosphonic acid (Compound 143);

{2-[2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetyl}-(2-phosphono-ethyl)-amino}-ethyl}-phosphonic acid (Compound 144);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionylamino}-succinamic acid (Compound 145);

{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionyl}-carboxymethyl-amino)-acetic acid (Compound 146);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionylamino}-succinic acid (Compound 147);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionyl}-pyrrolidine-2-carboxamide (Compound 148);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionyl}-4-hydroxy-pyrrolidine-2-carboxylic acid (Compound 149);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-isobutyramide (Compound 150);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N,N*-dimethyl-isobutyramide (Compound 151);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-hydroxy-1-hydroxymethyl-ethyl)-isobutyramide (Compound 152);

{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionylamino}-acetic acid (Compound 153);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-carbamoylethyl-isobutyramide (Compound 154);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-dimethylamino-ethyl)-isobutyramide (Compound 155);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(3-dimethylamino-propyl)-isobutyramide (Compound 156);

3-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionylamino}-propionic acid (Compound 157);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-methyl-*N*-(2-[2-(2-methylamino-ethoxy)-ethoxy]-ethyl)-isobutyramide (Compound 158);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(3,4,5,6-tetrahydroxy-tetrahydro-pyran-2-ylmethyl)-isobutyramide (Compound 159);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-methyl-*N*-(2,3,4,5,6-pentahydroxy-hexyl)-isobutyramide (Compound 161);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-hydroxy-1,1-bis-hydroxymethyl-ethyl)-isobutyramide (Compound 162);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-methyl-isobutyramide (Compound 163);

2*S*-(2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionylamino)-succinamide (Compound 164);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-[(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-ylcarbamoyl)-methyl]-isobutyramide (Compound 165);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(3-[2-(2-ethoxy-ethoxy)-ethoxy]-propyl)-isobutyramide (Compound 166);

(2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionylamino}-ethyl)-phosphonic acid (Compound 167);

{2-[2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-2-methyl-propionyl}-(2-phosphono-ethyl)-amino-ethyl}-phosphonic acid (Compound 168);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionylamino}-succinamic acid (Compound 169);

(2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionyl)-carboxymethyl-amino)-acetic acid (Compound 170);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionylamino}-succinic acid (Compound 171);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionyl}-pyrrolidine-2-carboxamide (Compound 172);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionyl}-4-hydroxy-pyrrolidine-2-carboxylic acid (Compound 173);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-isobutyramide (Compound 174);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N,N*-dimethyl-isobutyramide (Compound 175);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-(2-hydroxy-1-hydroxymethyl-ethyl)-isobutyramide (Compound 176);

{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionylamino}-acetic acid (Compound 177);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-carbamoylmethyl-isobutyramide (Compound 178);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-(2-dimethylamino-ethyl)-isobutyramide (Compound 179);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-(3-dimethylamino-propyl)-isobutyramide (Compound 180);

3-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionylamino}-propionic acid (Compound 181);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-(3,4,5,6-tetrahydroxy-tetrahydro-pyran-2-ylmethyl)-isobutyramide (Compound 182);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-methyl-*N*-(2-[2-(2-methylamino-ethoxy)-ethoxy]-ethyl)-isobutyramide (Compound 183);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-yl)-isobutyramide (Compound 184);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-methyl-*N*-(2,3,4,5,6-pentahydroxy-hexyl)-isobutyramide (Compound 185);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-(2-hydroxy-1,1-bis-hydroxymethyl-ethyl)-isobutyramide (Compound 186);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-methyl-isobutyramide (Compound 187);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionylamino}-succinamide (Compound 188);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-[(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-ylcarbamoyl)-methyl]-isobutyramide (Compound 189);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-*N*-{3-[2-(2-ethoxy-ethoxy)-ethoxy]-propyl}-isobutyramide (Compound 190);

(2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionylamino}-ethyl)-phosphonic acid (Compound 191);

{2-[2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-ureidomethyl-biphenyl-3-yl]-2-methyl-propionyl}-(2-phosphono-ethyl)-amino]-ethyl}-phosphonic acid (Compound 192);

2-{[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-succinamic acid (Compound 193);

{[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-carboxymethyl-amino}-acetic acid (Compound 194);

2-{[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-succinic acid (Compound 195);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetyl}-pyrrolidine-2-carboxylic acid (Compound 196);

1-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetyl}-4-hydroxy-pyrrolidine-2-carboxylic acid (Compound 197);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 198);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl- *N,N*-dimethyl-3-carboxamide (Compound 199);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-(2-hydroxy-1-hydroxymethyl-ethyl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 200);

{[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-acetic acid (Compound 201);



5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-*N*-carbamoymethyl-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 202);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-(2-dimethylamino-ethyl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 203);

3-{{5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-propionic acid (Compound 204);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-methyl-*N*-{2-[2-(2-methylamino-ethoxy)-ethoxy]-ethyl}-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 205);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-(3,4,5,6-tetrahydroxy-tetrahydro-pyran-2-ylmethyl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 206);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-yl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 207);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-methyl-*N*-(2,3,4,5,6-pentahydroxy-hexyl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 209);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-(2-hydroxy-1,1-bis-hydroxymethyl-ethyl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 210);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-methyl-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 211);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-[(2,4,5-trihydroxy-6-hydroxymethyl-tetrahydro-pyran-3-ylcarbamoyl)-methyl]-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 213);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-{3-[2-(2-ethoxy-ethoxy)-ethoxy]-propyl}-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 214);

(2-{{5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-ethyl)-phosphonic acid (Compound 214);

{2-[[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-(2-phosphono-ethyl)-amino]-ethyl}-phosphonic acid (Compound 215);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N,N*-bis-(2-hydroxy-ethyl)-5'-methyl-biphenyl-3-carboxamide (Compound 217);

(2-{{5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-ethyl)-trimethyl-ammonium (Compound 218);

2-{5-[4-(2-amino-ethyl)-piperazine-1-carbonyl]-2,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl}-1*H*-benzoimidazole-5-carboxamidine (Compound 219);

2-amino-6-{{[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-amino}-hexanoic acid (Compound 220);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-hydroxy-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 221);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N,N*-dimethyl-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 222);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 223);

1-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-pyrrolidine-2-carboxamide (Compound 224);

2-[2,2'-dihydroxy-5-(morpholine-4-carbonyl)-5'-sulfamoyl-biphenyl-3-yl]-1*H*-benzoimidazole-5-carboxamidine (Compound 225);

1-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-pyrrolidine-2-carboxylic acid (Compound 226);

[(2-{4-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-carbonyl]-piperazin-1-yl}-ethylamino)-dimethylamino-methylene]-dimethyl-ammonium (Compound 228);

2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-ethanesulfonic acid (Compound 234);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-*N*-(2-morpholin-4-yl-ethyl)-acetamide (Compound 235);

2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetamide (Compound 238);

2-amino-6-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-hexanoic acid (Compound 112);

2-{2,2'-dihydroxy-5-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-5'-sulfamoyl-biphenyl-3-yl}-1*H*-benzoimidazole-5-carboxamidine (Compound 113);

(2-{2-[5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-5'-sulfamoyl-biphenyl-3-yl]-acetylamino}-ethyl)-trimethyl-ammonium (Compound 105);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-carbamoylmethyl-methyl-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 106);

5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-(2-piperazin-1-yl-ethyl)-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 107); and  
5-(5-carbamimidoyl-1*H*-benzoimidazol-2-yl)-6,2'-dihydroxy-*N*-methyl-5'-sulfamoyl-biphenyl-3-carboxamide (Compound 229).